

FIG.1

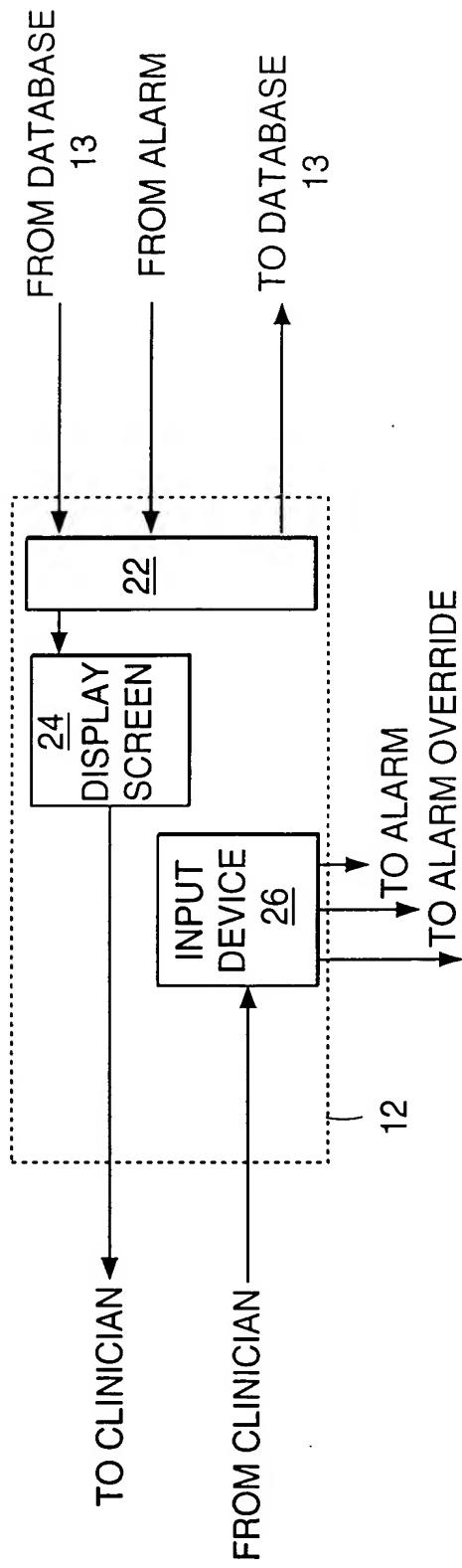


FIG. 2

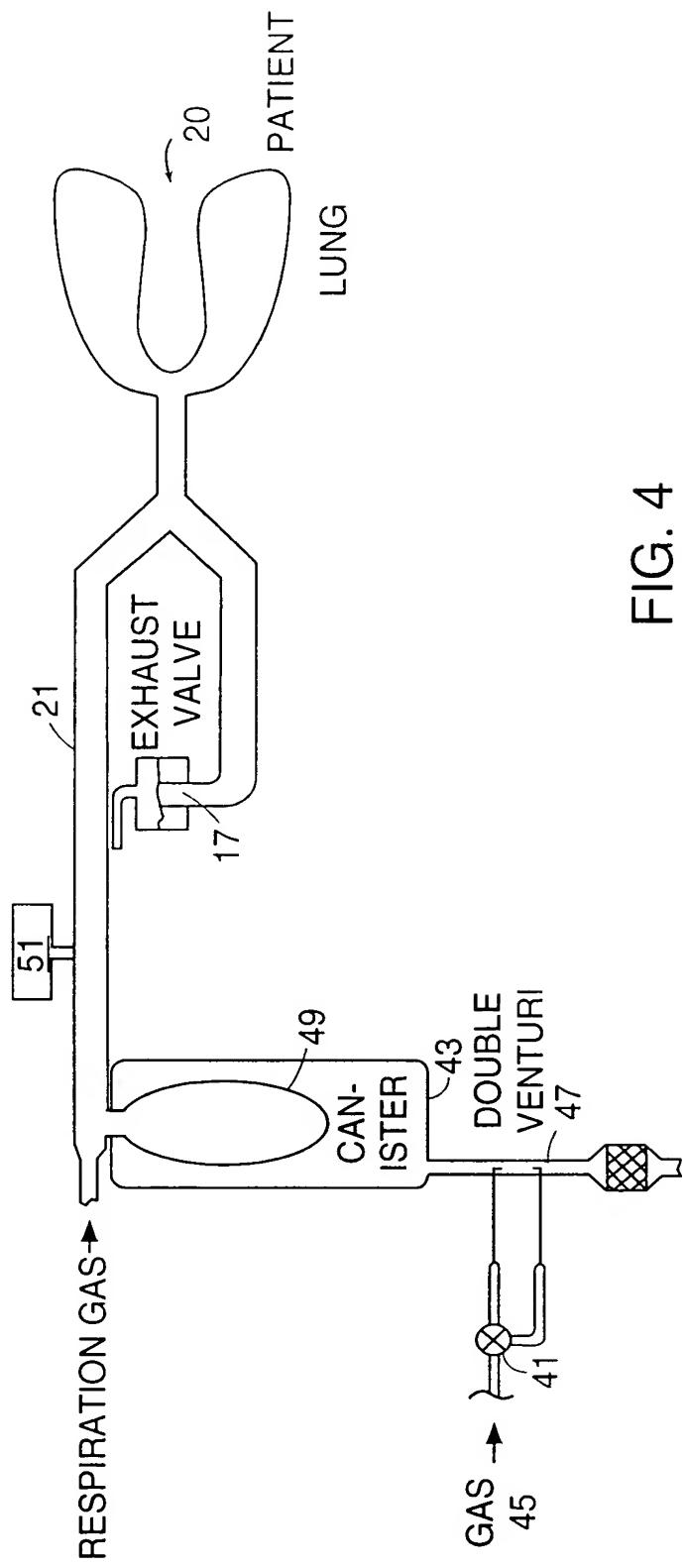


FIG. 4

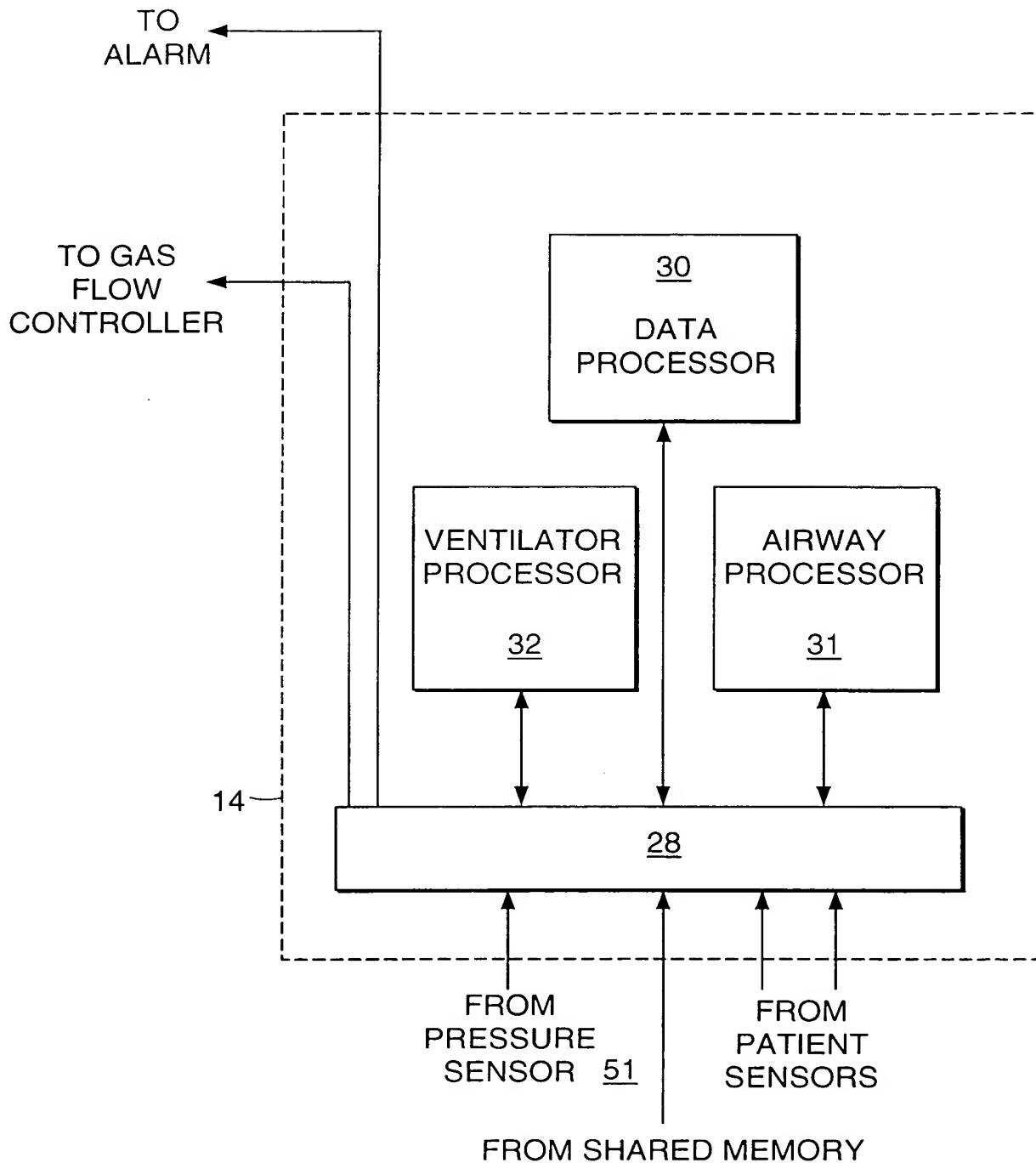


FIG. 3

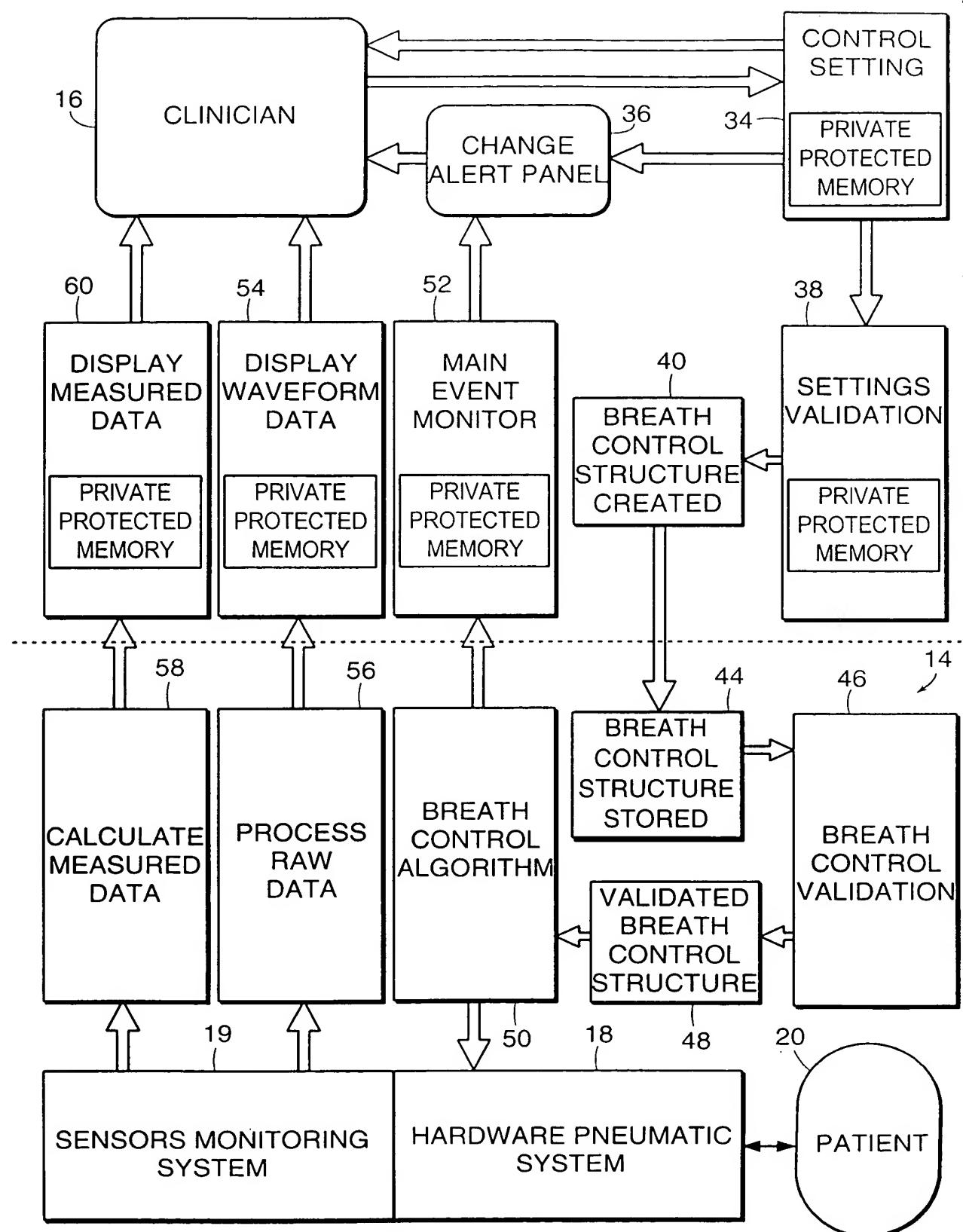


FIG. 5

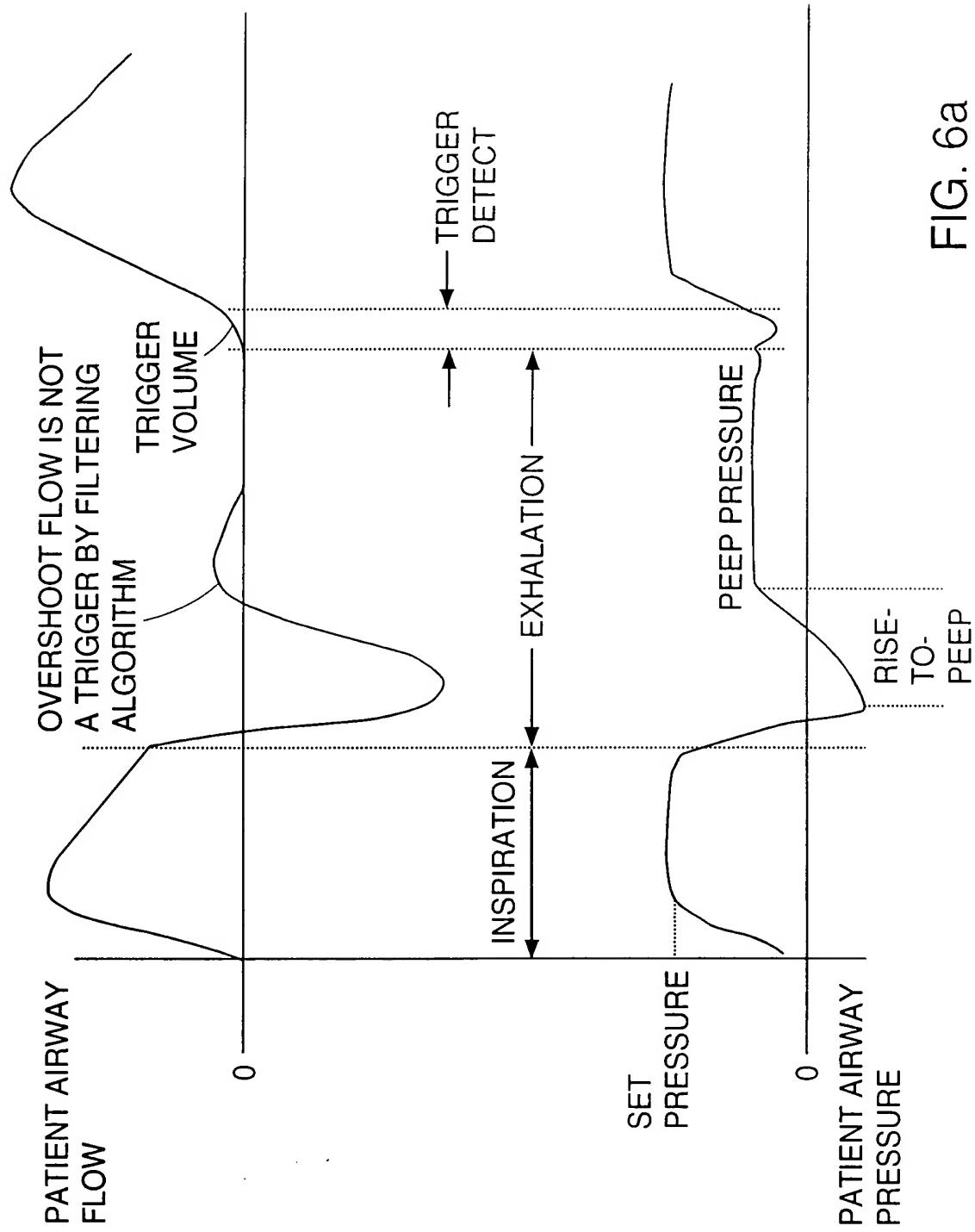
```
IF ((FLOW SLOPE INCREASING) (STEP 300)
    AND (PRESSURE SLOPE DECREASING)
        THEN (ADD INHALED VOLUME TO
              TO EVENT VOLUME = (VOLUME - BASELINE))
        ELSE (ADD (0) TO EVENT
              VOLUME = (VOLUME-BASELINE))

IF (EVENT VOLUME > TRIGGER VOLUME) (STEP 310)
    THEN (TRIGGER FLAG = YES)

IF (TRIGGER FLAG = YES) (STEP 320)
    THEN ((IF TIME > 200mSEC) THEN (TRIGGER FLAG = NO)
          ELSE (ADD TO VOLUME = (VOLUME - BASELINE)))

IF (VOLUME > TRIGGER VOLUME) (STEP 330)
    THEN (INITIATE BREATH)
    ELSE (DO NOT INITIATE BREATH)
```

FIG. 6



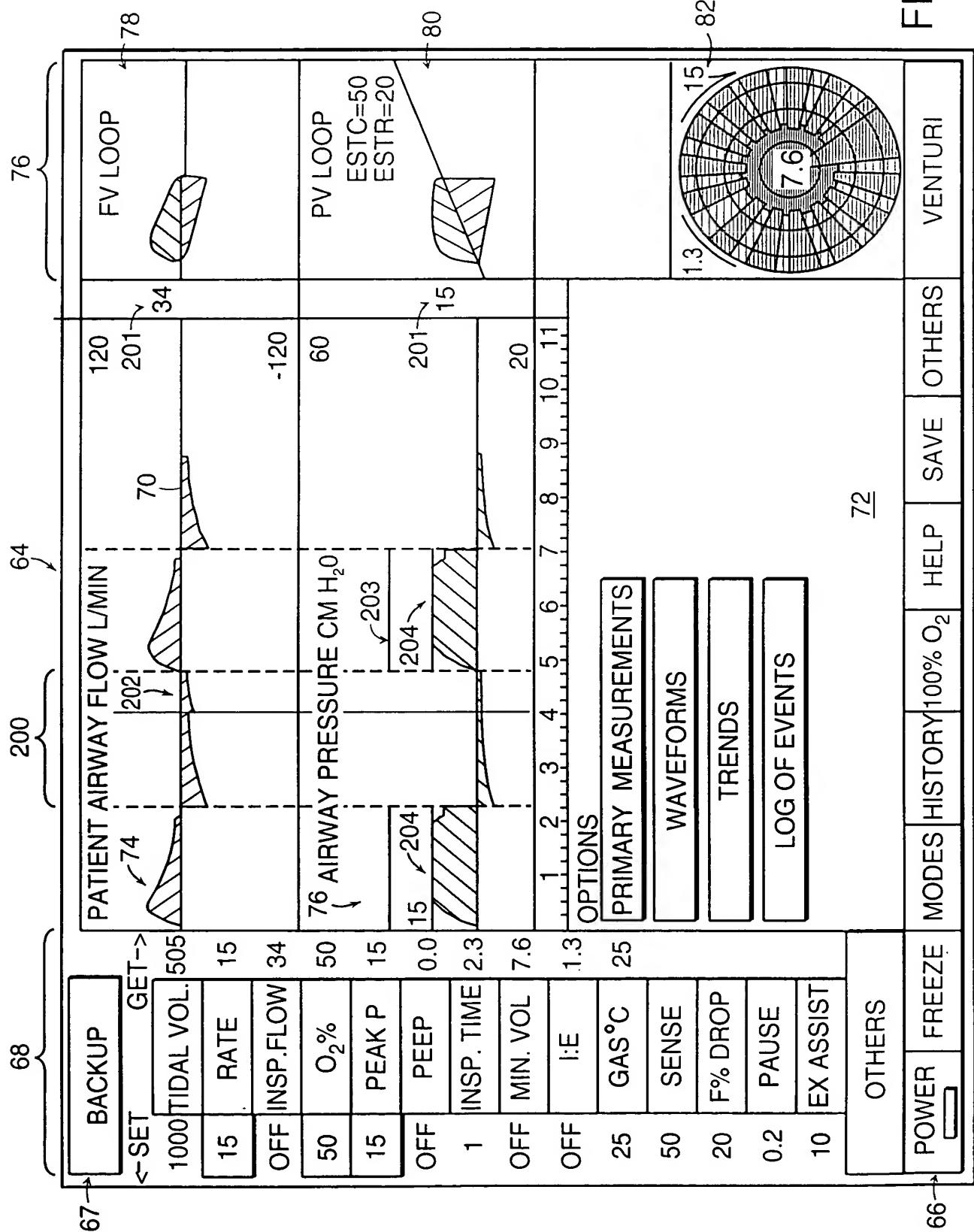


FIG. 7

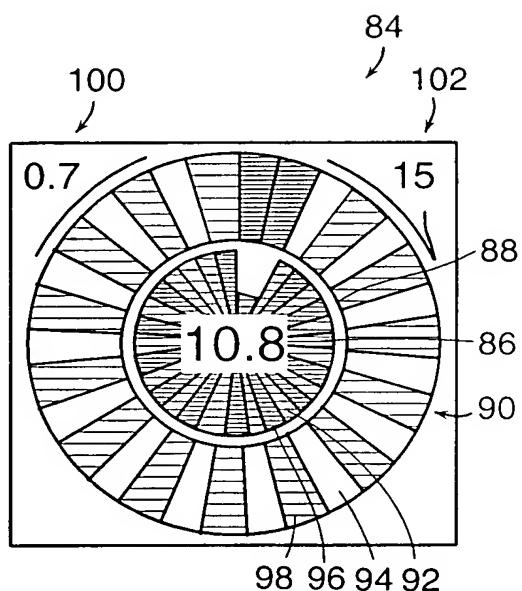


FIG.8

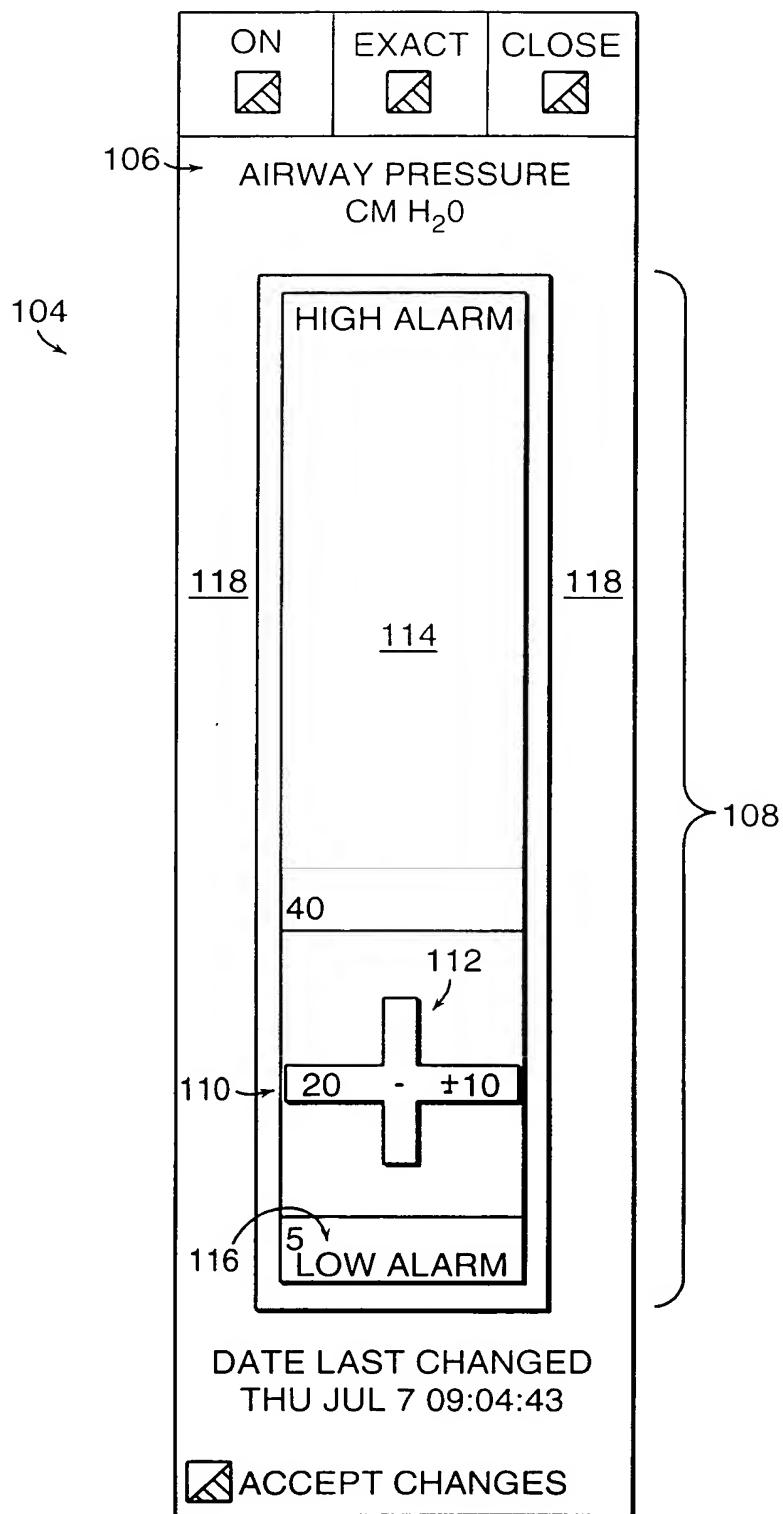


FIG. 9

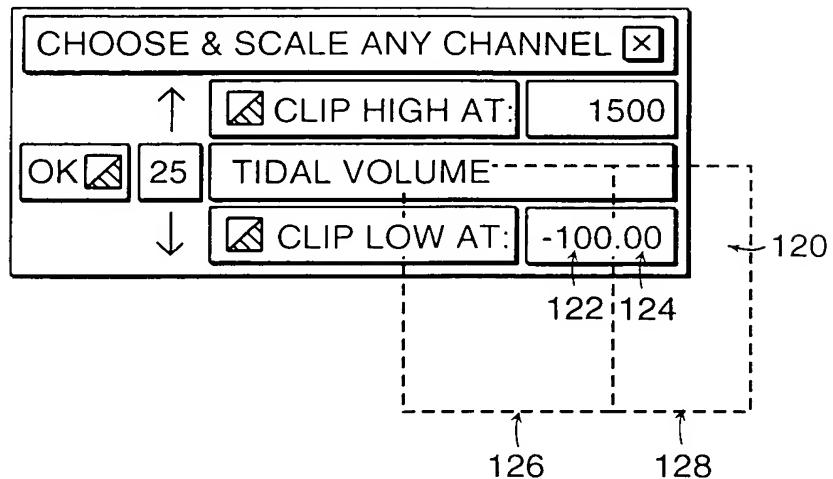


FIG. 10

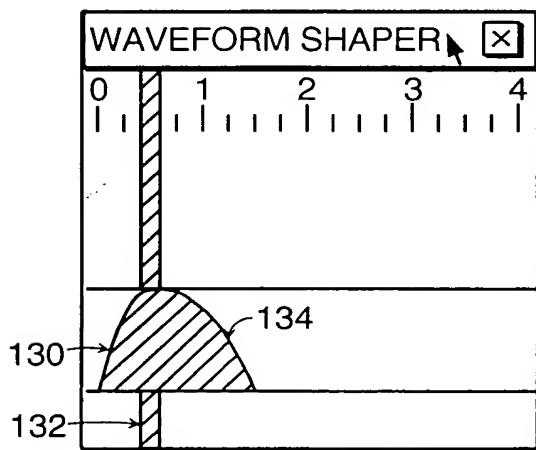


FIG. 15

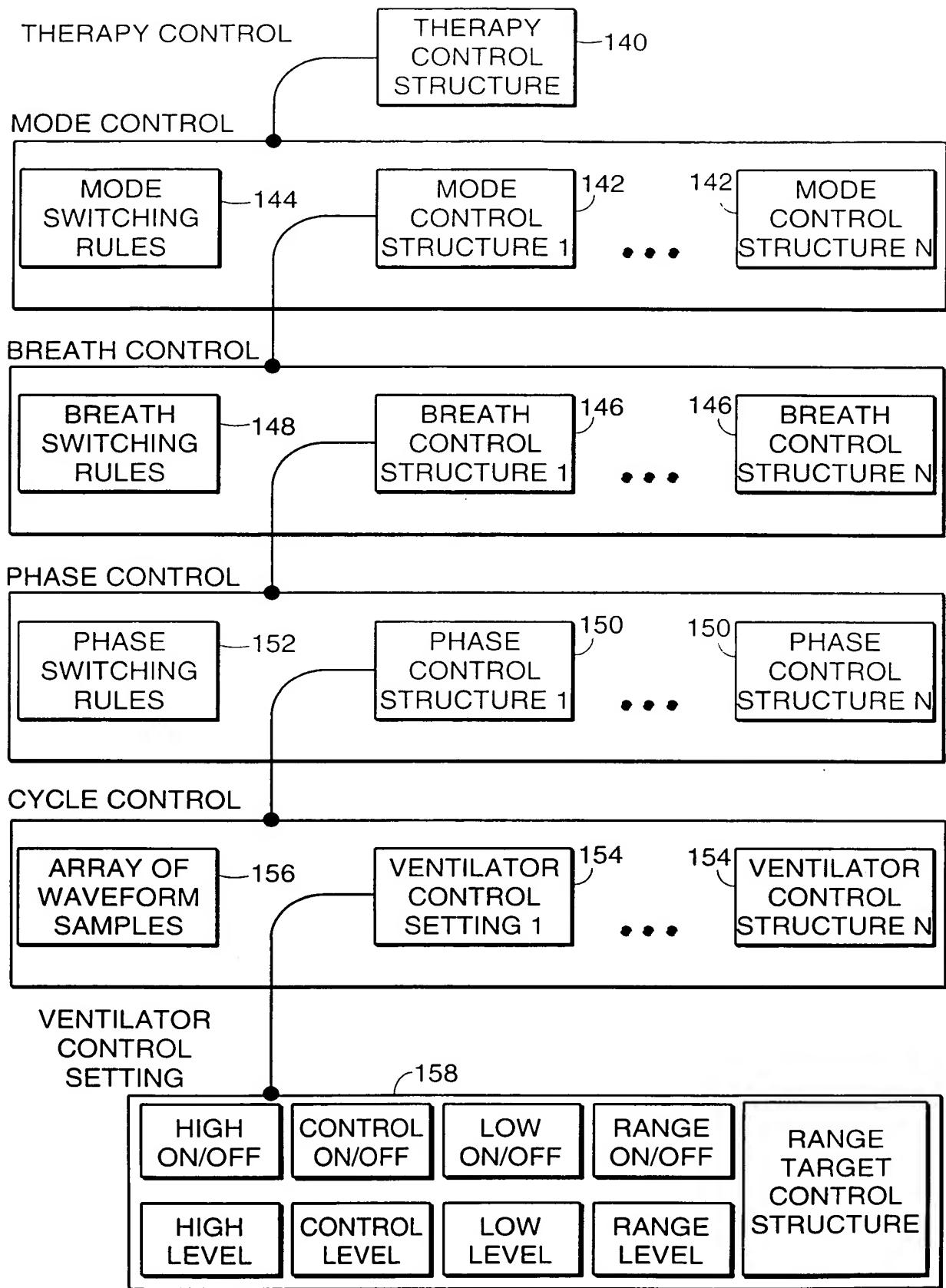


FIG. 11

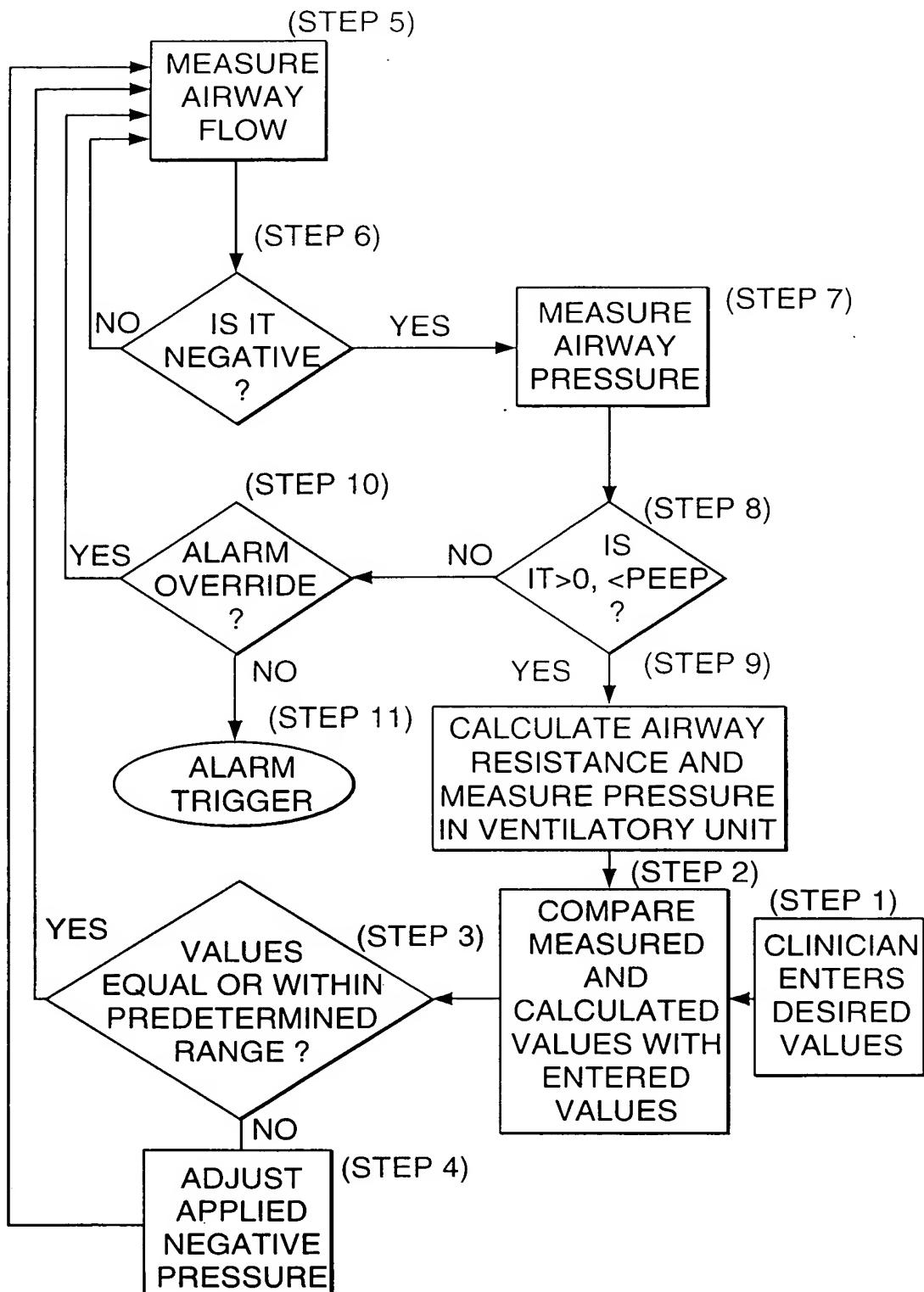


FIG. 12

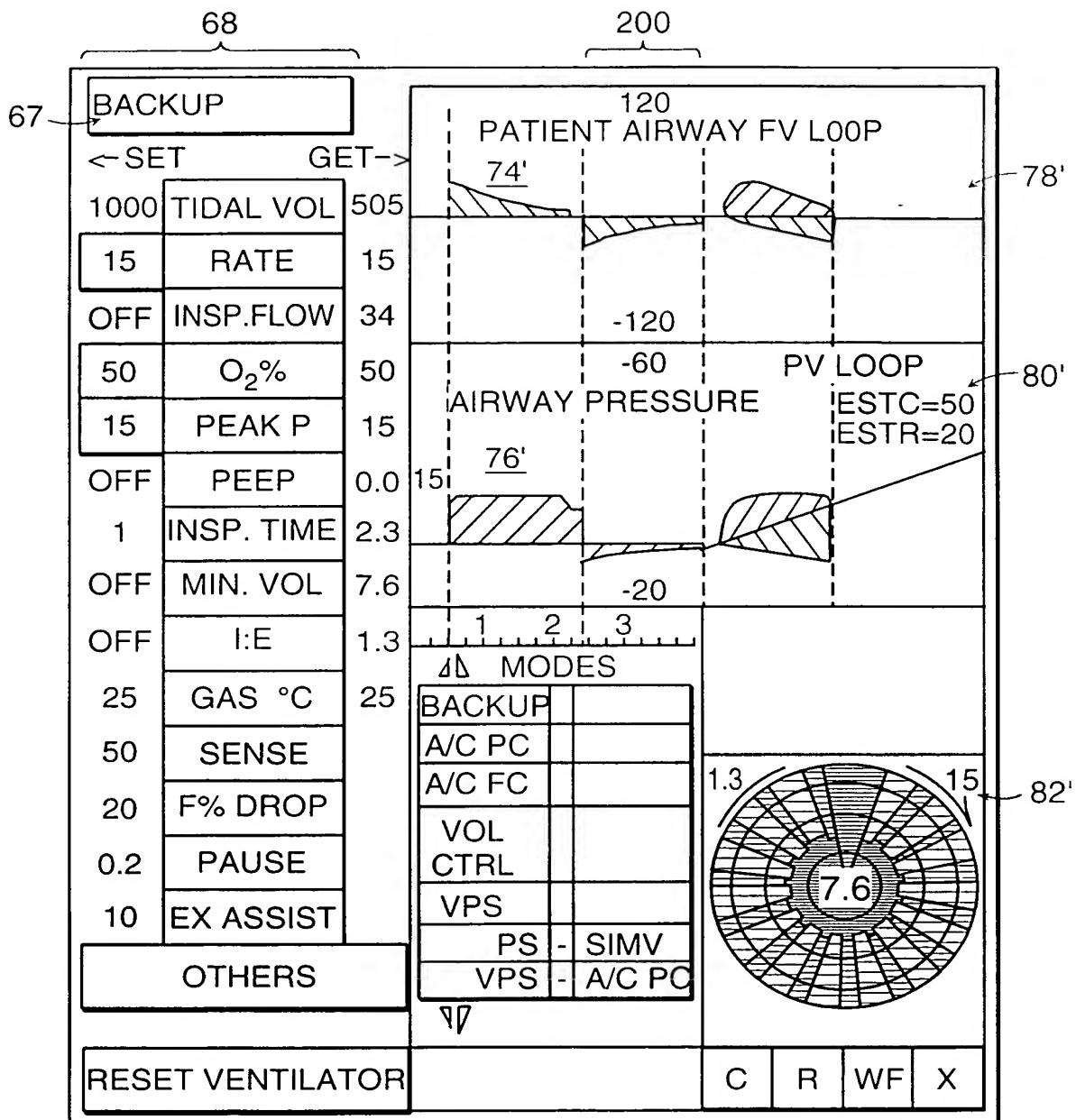


FIG. 13

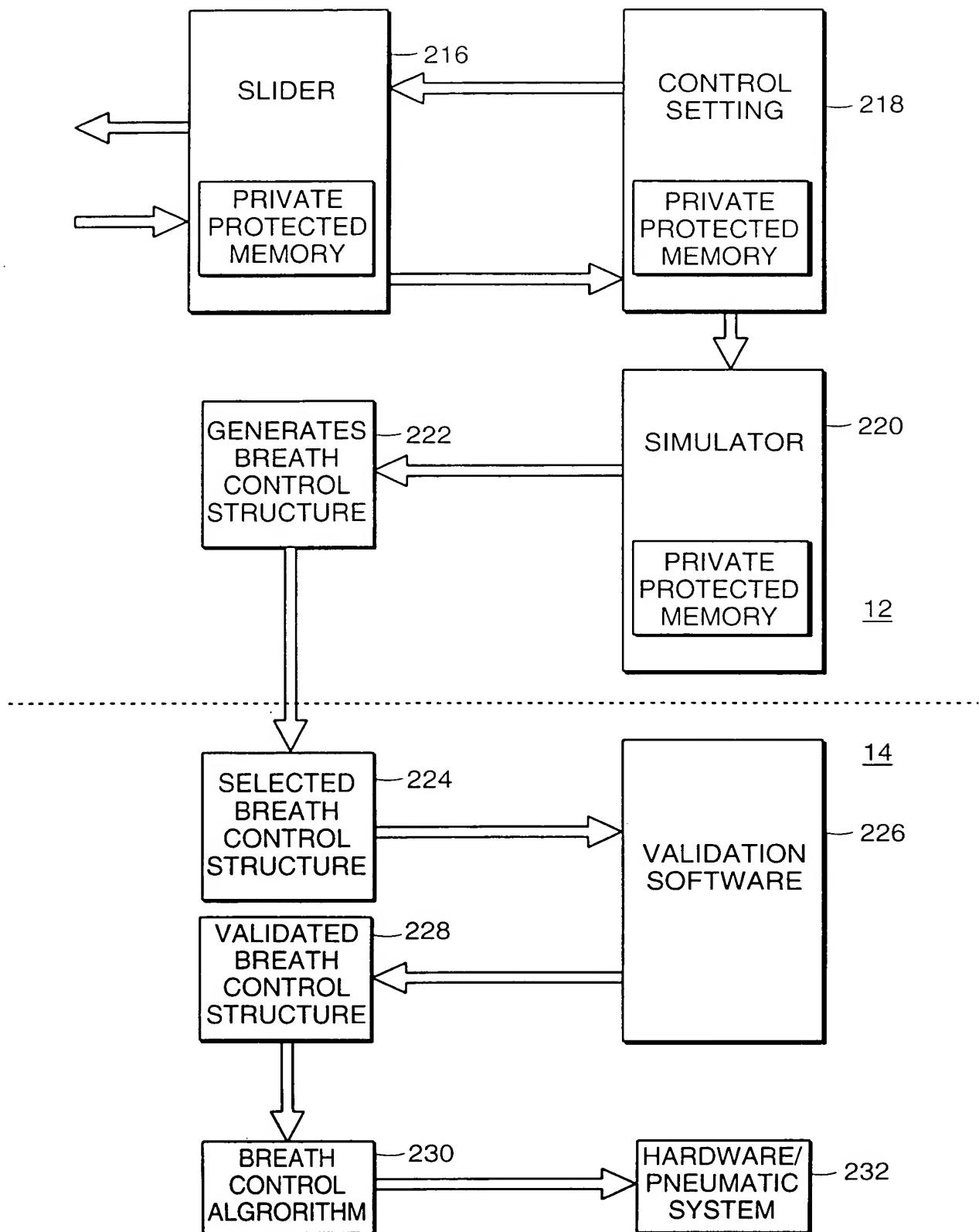


FIG. 14

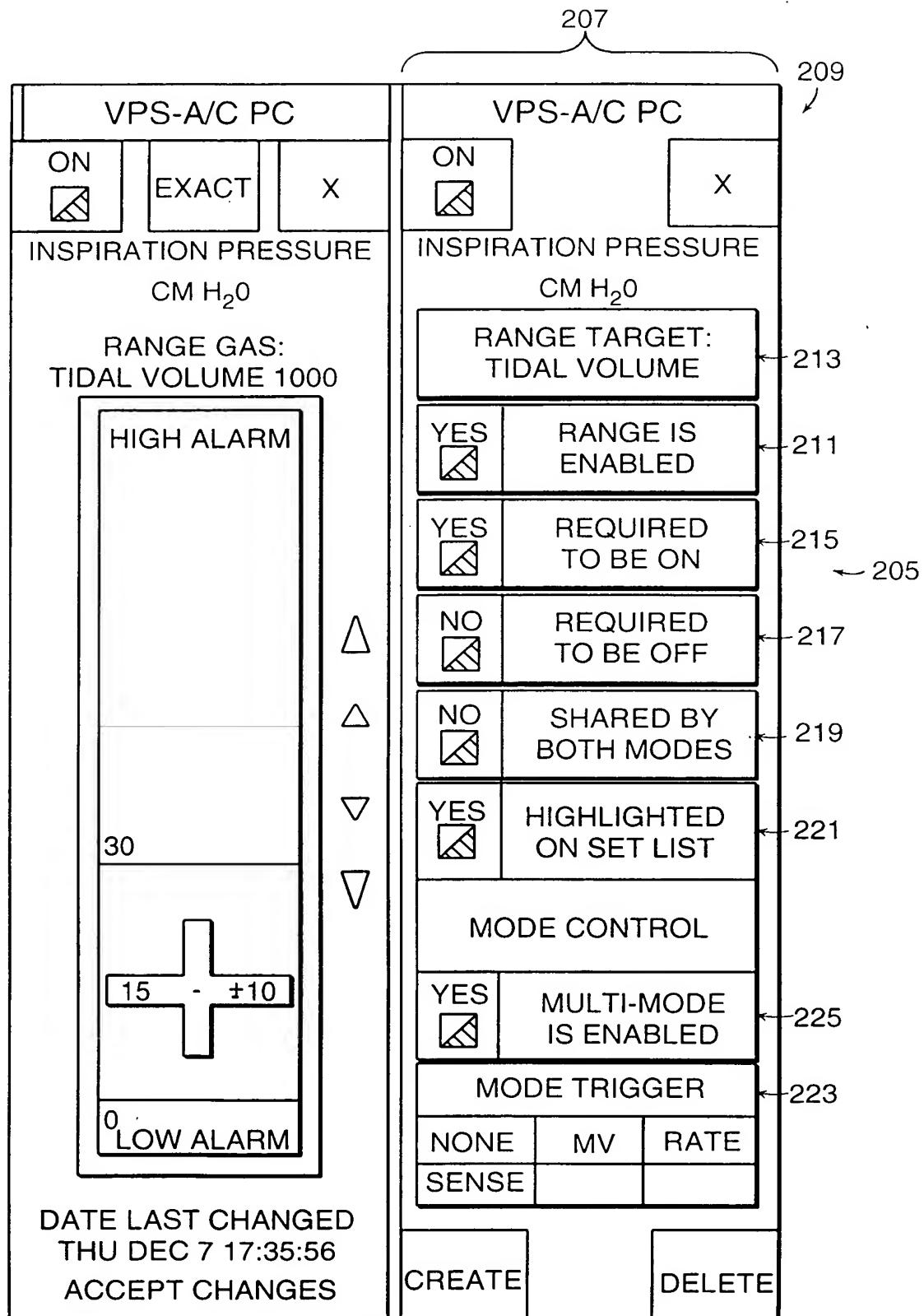


FIG. 16

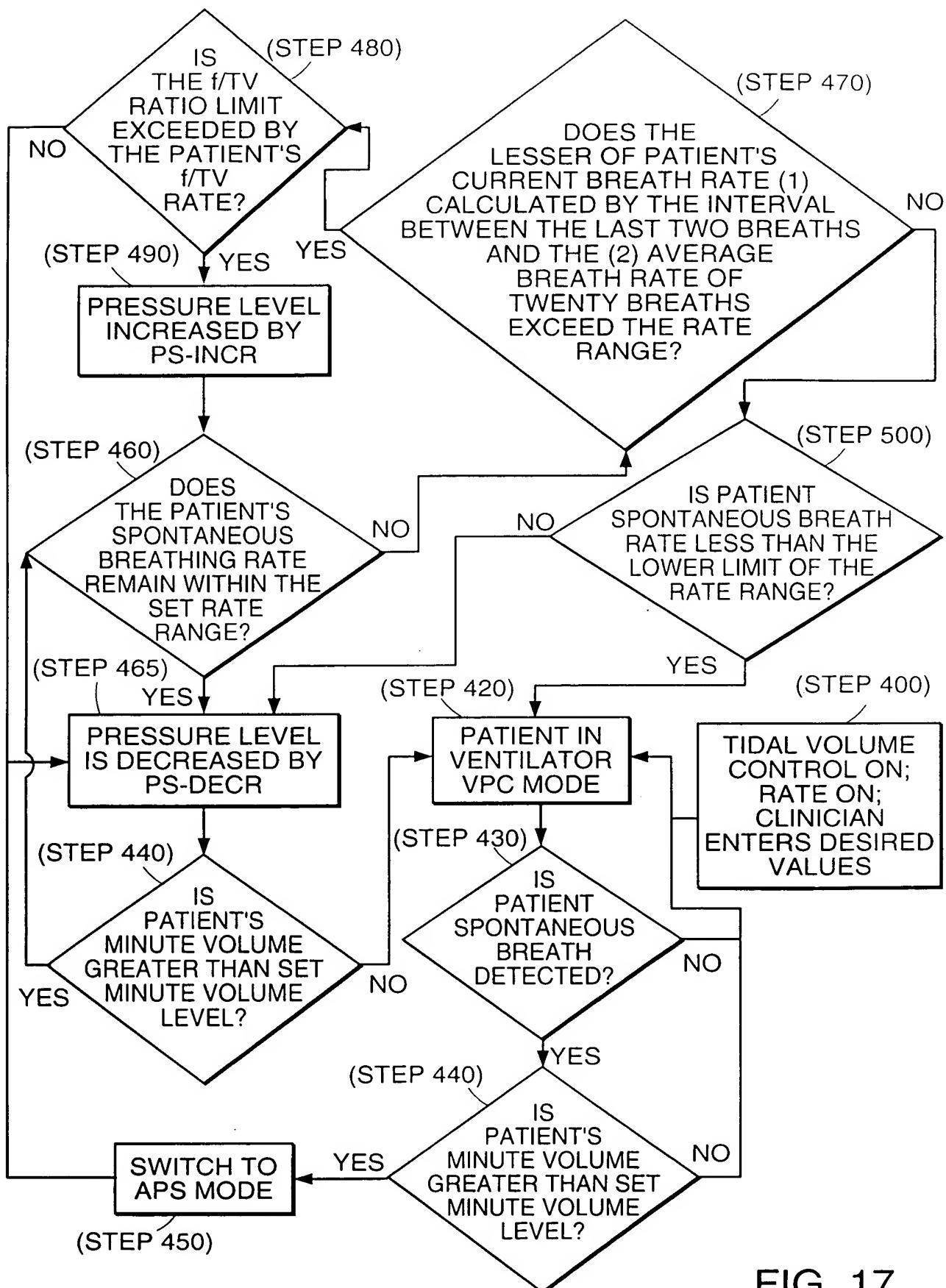


FIG. 17